

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Application Number

10/608,775

Filing Date

June 26, 2003

First Named Inventor

George Pontis

Group Art Unit

1743

Examiner Name

Unassigned

Total Number of Pages in This Submission

Attorney Docket Number

40-001120US

ENCLOSURES (check all that apply)

- ☐ Fee Transmittal Form
☐ Fee Attached
☐ Amendment / Response
☐ After Final
☐ Affidavits/declaration(s)
☐ Extension of Time Request
☐ Express Abandonment Request
☒ Information Disclosure Statement
☐ Certified Copy of Priority Document(s)
☐ Response to Missing Parts/
Incomplete Application
☐ Response to Missing
Parts under 37 CFR
1.52 or 1.53

- ☐ Assignment Papers
(for an Application)
☐ Drawing(s)
☐ Licensing-related Papers
☐ Petition Routing Slip (PTO/SB/69)
and Accompanying Petition
☐ Petition to Convert to a
Provisional Application
☐ Power of Attorney, Revocation
Change of Correspondence
Address
☐ Terminal Disclaimer
☐ Small Entity Statement
☐ Request for Refund

- ☐ After Allowance Communication
to Group
☐ Appeal Communication to Board
of Appeals and Interferences
☐ Appeal Communication to Group
(Appeal Notice, Brief, Reply Brief)
☐ Proprietary Information
☐ Status Letter
☒ Additional Enclosure(s)
(please identify below):

USPTO Form 1449; Cited
References; receipt
acknowledgment postcard**Authorization to Charge Deposit Account**Please charge Deposit Account No. 50-0893 for any additional fees associated with
this paper or during the pendency of this application, including any extensions of time
for consideration of the documents enclosed.

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENTFirm
or
Individual name

Paul Littlepage, Reg. No. 48,581, Quine Intellectual Property Law Group, P.C.

Signature

Date

March 12, 2004

CERTIFICATE OF MAILINGI hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient
postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

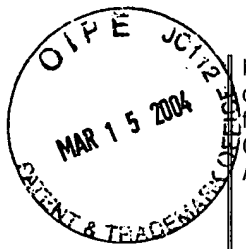
Typed or printed name

Amelia Weintraub

Signature

Date

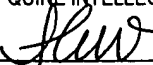
March 12, 2004



I hereby certify that this correspondence is being deposited with the United States Postal Service first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450, on March 12, 2004

QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C.

By


Amelia Weintraub

Attorney Docket No. 40-001120US
Client Ref. No. 01-001120US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

George Pontis, et al.

Application No.: 10/608,775

Filed: June 26, 2003

For: PLANAR NANOWIRE BASED
SENSOR ELEMENTS, DEVICES,
SYSTEMS AND METHODS FOR
USING AND MAKING SAME

Examiner: Unassigned

Art Unit: 1743

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR § 1.97 and
§ 1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

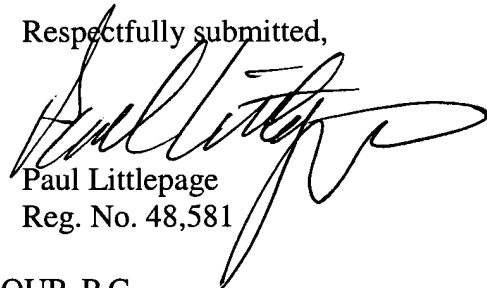
The references cited on attached form PTO-1449 are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

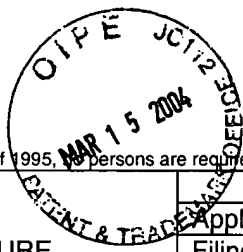
Applicant believes that no fee is required for submission of this statement, since it is being submitted prior to the first Office Action on the merits per 37 CFR 1.97(b)(3). However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 50-0893. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Paul Littlepage', is written over the typed name and registration number.

Paul Littlepage
Reg. No. 48,581

QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C.
P.O. BOX 458
Alameda, CA 94501
(510) 337-7871
Fax (510) 337-7877



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A-B/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

| | |
|------------------------|----------------|
| Application Number | 10/608,775 |
| Filing Date | June 26, 2003 |
| First Named Inventor | George Pontis |
| Group Art Unit | 1743 |
| Examiner Name | Unassigned |
| Attorney Docket Number | 40-001120US |
| Date Submitted | March 12, 2004 |

U.S. PATENT DOCUMENTS

| Examiner Initials | Cite No. | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appeal |
|----------------------|-------------|----------------------|-------------------------|--|--|---|
| | | Number | Kind Code (if known) | | | |
| | 01 | 5,489,678 | | Fodor et al. | 02-06-1996 | |
| | 02 | 5,496,607 | | Inaba et al. | 03-05-1996 | |
| | 03 | 6,265,222 | | DiMeo et al. | 07-24-2001 | |
| | | | | | | |
| | | | | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials | Cite No. | Foreign Patent Document | | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T |
|----------------------|-------------|-------------------------|----------|-------------------------|---|--|---|---|
| | | Office | Number | Kind Code (if known) | | | | |
| | 04 | WO | 00/09443 | A1 | The Board of Trustees of the Leland Stanford Junior University | 02-24-2000 | | |
| | | | | | | | | |
| | | | | | | | | |

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

| Examiner Initials | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T |
|----------------------|-------------|---|---|
| | 05 | CUI et al. (2001) "Diameter-controlled synthesis of single-crystal silicon nanowires." <u>App. Phys. Lett.</u> 78:2214-2216. | |
| | 06 | CUI, et al. (2001) "Nanowire Nanosensors for Highly Sensitive and Selective Detection of Biological and Chemical Species." <u>Science</u> 293:1289-1292. | |
| | 07 | EGHOLM et al. (1993) "PNA hybridizes to complementary oligonucleotides obeying the Watson-Crick hydrogen-bonding rules." <u>Nature</u> 365:566-568. | |
| | 08 | GUDIKSEN et al. (2000) "Diameter-Selective Synthesis of Semiconductor Nanowires." <u>J. Am. Chem. Soc.</u> 122, 8801-8802. | |
| | 09 | NIELSEN et al. (1991) "Sequence-selective recognition of DNA by strand displacement with a thymine-substituted polyamide." <u>Science</u> 254:1497-1500. | |
| | | | |

| | | | |
|-----------------------|--|--------------------|--|
| Examiner Signature | | Date Considered | |
|-----------------------|--|--------------------|--|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.